

CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

Employer Id : E30825

Participation : CTR

Employer : Kaiser Aluminum Washington LLC

Status : Affected

Worksite : Kaiser Aluminum Washington LLC

Survey Type : Paper

Street : 15000 E Euclid Ave

Response Rate : 72%

Jurisdiction : City of Spokane Valley

Survey Date : 4/3/2017

Non-Drive Alone & One-Way VMT Rates at this Worksite

Non-Drive Alone Rate : 11.3%

Drive Alone Rate : 88.7%

One-Way VMT per employee : 15.3

Average One-Way distance home to work : 20.4

Employees and Survey Response Information

Reported Total Employees at Worksite: 817

Surveys Distributed : 817

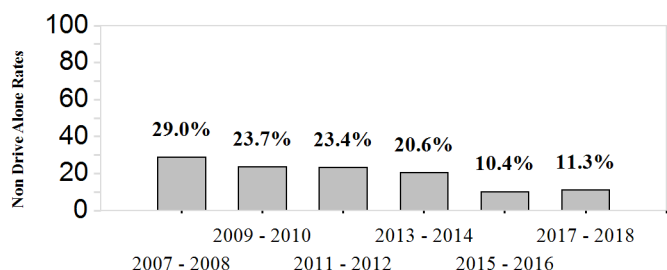
Surveys Returned : 588

Surveys Returned by CTR Affected* Employees : 536

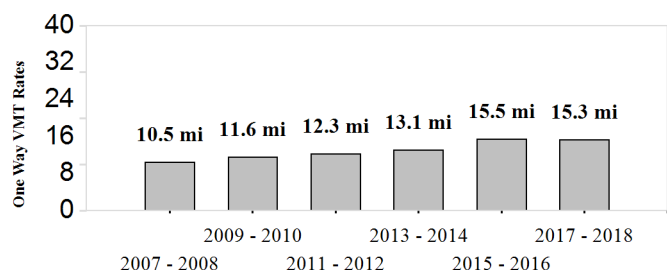
Total Estimated CTR Affected Employees at Worksite : 745

**CTR Affected employees filled out the survey as being full-time and commuting (typically) to work at least twice between 6a and 9a, Monday through Friday.*

Non Drive Alone Rates - ALL Employees



One Way VMT per Employee - ALL Employees



Site History and Targets

Annual Metric Tons CO2e Pounds CO2e

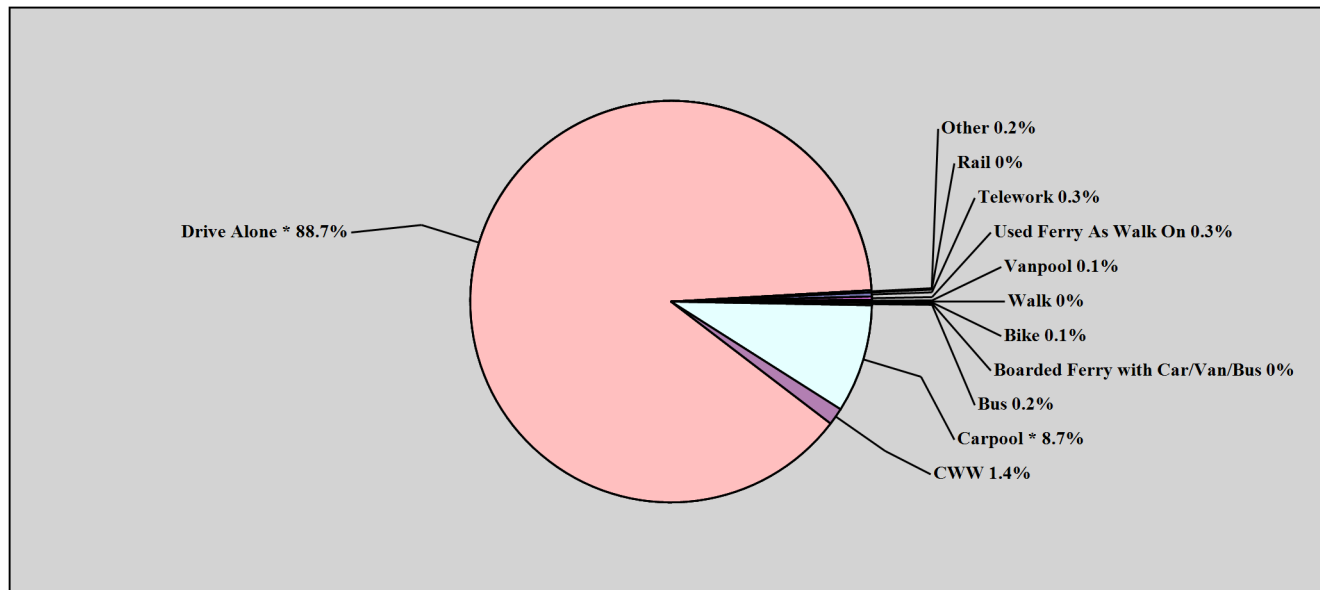
Cycle	Non Drive Alone Rate - All	Non Drive Alone Rate - CTR Affected	Emissions for Surveyed Employees	Estimated Emissions for Total Employment	GHG per Employee's Roundtrip	VMT per Employee - All	VMT per Employee - CTR Affected
2007 - 2008	29.0%	26.3%	1383	1596	17.2	10.5	10.9
2009 - 2010	23.7%	22.1%	1392	1724	18.6	11.6	11.7
2011 - 2012	23.4%	20.9%	1524	2021	21.8	12.3	12.4
2013 - 2014	20.6%	19.8%	1961	1961	21.2	13.1	13.3
2015 - 2016	10.4%	10.3%	1950	2569	27.7	15.5	15.7
2017 - 2018	11.3%	11.1%	1870	2598	28.0	15.3	15.3
Target	35.0%				Target:	8.6	
% Point Change Target:	6.0				% Change Target:	-18.0%	
% Point Change from Baseline:	-17.7				% Change from Baseline:	45.7%	

GHG calculations are based on VMT and estimated total round-trip commutes for all employees. Modes that contribute to GHG include driving alone, carpooling, vanpooling, and riding a motorcycle. The use of other modes (e.g., transit, rail, walking, ferry) do not increase a worksite's GHG calculation. For more information about how GHG is calculated, please contact your jurisdiction's representative.

Commute Trips By Mode - All Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



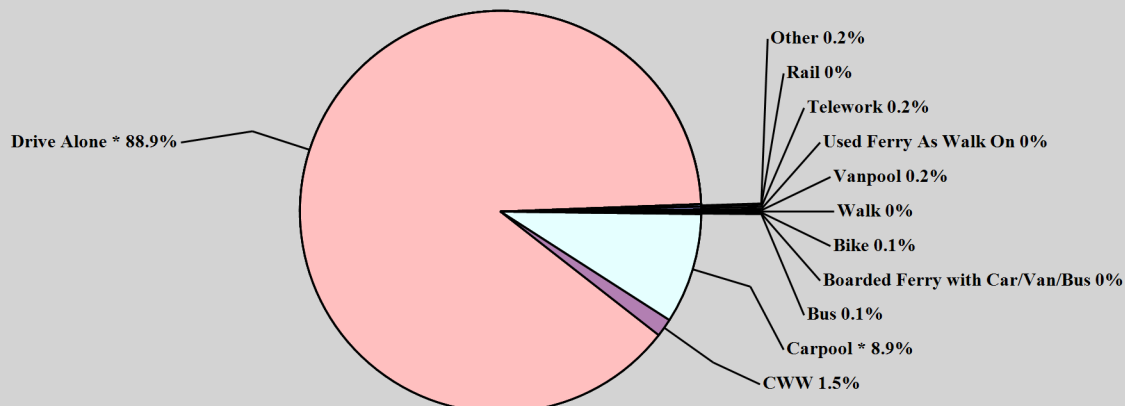
Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	2,442	88.7%	89.6%	518	88.1%	93.5%
Carpool *	240	8.7%	6.2%	59	10.0%	7.5%
Vanpool	4	0.1%	0.1%	2	0.3%	0.2%
Bus	5	0.2%	0.1%	2	0.3%	0.3%
Rail	0	0.0%	0.0%	0	0.0%	0.2%
Bike	3	0.1%	0.3%	3	0.5%	1.0%
Walk	0	0.0%	0.2%	0	0.0%	0.5%
Telework	9	0.3%	0.0%	4	0.7%	0.2%
CWW	38	1.4%	2.5%	12	2.0%	3.8%
Boarded Ferry with Car/Van/Bus	0	0.0%	0.2%	0	0.0%	0.3%
Used Ferry As Walk On	7	0.3%	0.0%	1	0.2%	0.0%
Other	5	0.2%	0.8%	1	0.2%	0.8%

* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

Commute Trips By Mode - Affected Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - CTR Affected Employees



Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	2,249	88.9%	89.7%	476	88.8%	93.5%
Carpool *	225	8.9%	5.9%	55	10.3%	7.2%
Vanpool	4	0.2%	0.1%	2	0.4%	0.2%
Bus	2	0.1%	0.1%	1	0.2%	0.4%
Rail	0	0.0%	0.0%	0	0.0%	0.2%
Bike	3	0.1%	0.4%	3	0.6%	1.1%
Walk	0	0.0%	0.2%	0	0.0%	0.5%
Telework	6	0.2%	0.0%	3	0.6%	0.2%
CWW	37	1.5%	2.5%	11	2.1%	3.5%
Boarded Ferry with Car/Van/Bus	0	0.0%	0.2%	0	0.0%	0.4%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	5	0.2%	0.9%	1	0.2%	0.9%

* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
0 Day	506	86%	588	100%
1 Days	10	2%	82	14%
2 Days	3	1%	72	12%
3 Days	27	5%	69	12%
4 Days	16	3%	42	7%
5 Days	16	3%	26	4%
6 or More Days	10	2%	10	2%

Count by Occupancy of Carpools and Vanpools

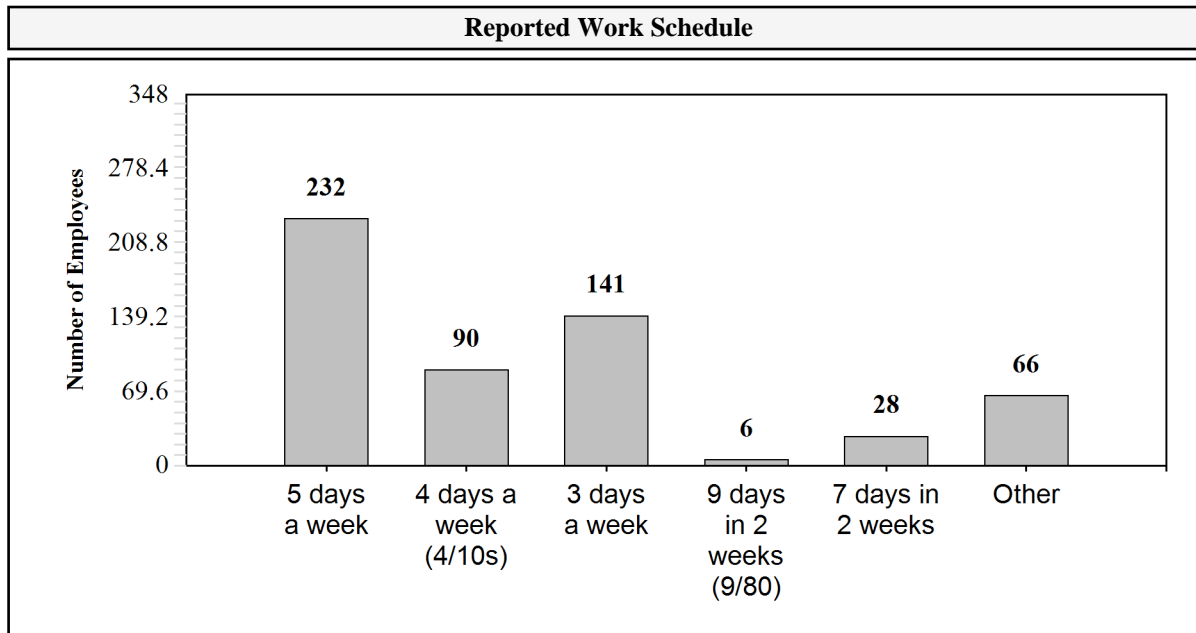
Q.4 If you used a carpool or vanpool as part of your commute, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
2*	Carpool	227
3	Carpool	0
4	Carpool	0
5	Carpool	13
>5	Carpool	0
<5	Vanpool	1
5	Vanpool	3
6	Vanpool	0
7	Vanpool	0
8	Vanpool	0
9	Vanpool	0
10	Vanpool	0
11	Vanpool	0
12	Vanpool	0
13	Vanpool	0
14	Vanpool	0
>14	Vanpool	0

* Motorcycle-2 counted with Carpool-2 for this table.

Reported Work Schedule - All Employees

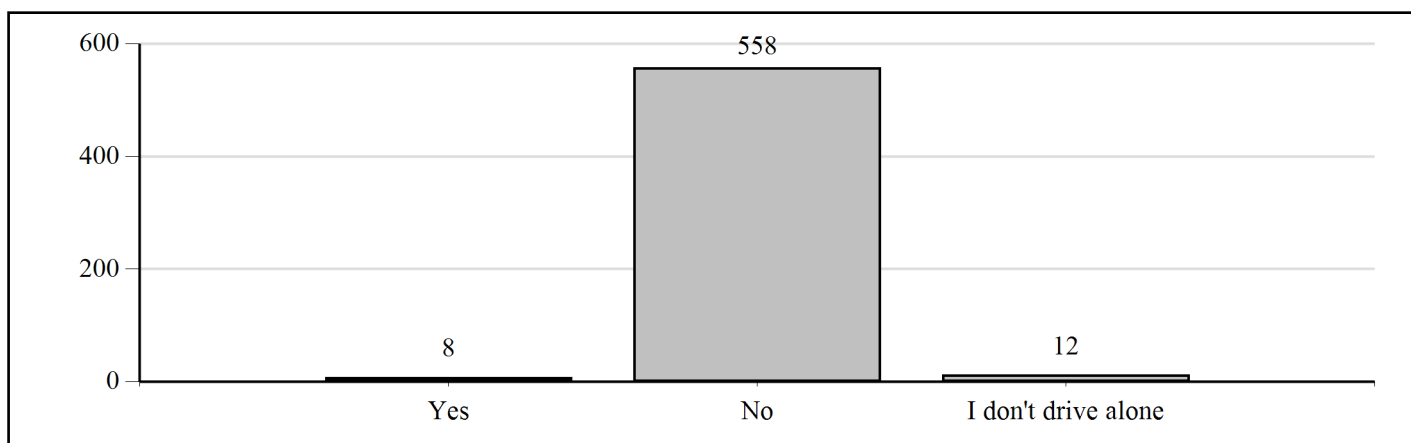
Q.8 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	232	41.2%
4 days a week (4/10s)	90	16%
3 days a week	141	25%
9 days in 2 weeks (9/80)	6	1.1%
7 days in 2 weeks	28	5%
Other	66	11.7%

Parking and Telework

Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)



Q.10: How many days do you typically telework?

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	11	1.9%
I don't telework	556	94.6%
Occasionally, on an as-needed basis	17	2.9%
1-2 days/month	2	0.3%
1 day/week	0	0.0%
2 days/week	0	0.0%
3 days/week	2	0.3%

Reasons for driving alone to work/not driving alone to work
Q11. When you do not drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
To save money	144	25.4%
Other	124	21.9%
Financial incentives for carpooling, bicycling or walking.	64	11.3%
Environmental and community benefits	62	11.0%
Personal health or well-being	52	9.2%
Driving myself is not an option	32	5.7%
Preferred/reserved carpool/vanpool parking is provided	30	5.3%
Emergency ride home is provided	16	2.8%
Free or subsidized bus, train, vanpool pass or fare benefit	12	2.1%
I have the option of teleworking	12	2.1%
Cost of parking or lack of parking	7	1.2%
I receive a financial incentive for giving up my parking space	6	1.1%
To save time using the HOV lane	5	0.9%

Q12. When you drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
I like the convenience of having my car	372	32.2%
Riding the bus or train is inconvenient or takes too long	234	20.2%
My commute distance is too short	145	12.5%
Other	136	11.8%
Family care or similar obligations	103	8.9%
Bicycling or walking isn't safe	87	7.5%
I need more information on alternative modes	37	3.2%
My job requires me to use my car for work	35	3.0%
There isn't any secure or covered bicycle parking	8	0.7%

Commute Mode By ZipCode for All Employees

Q6. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
99206	60	10.20%	264	10	1	0	0	0	1	0	0	0	0	0	0
99216	47	7.99%	231	0	0	0	0	0	0	0	0	3	0	7	0
83854	38	6.46%	172	5	0	0	0	0	0	0	0	3	0	0	0
99208	35	5.95%	152	10	0	0	0	0	0	0	0	7	0	0	0
99212	34	5.78%	148	13	0	3	2	0	0	0	0	3	0	0	0
99217	28	4.76%	134	2	0	0	0	0	0	0	1	1	0	0	0
99037	27	4.59%	115	6	0	0	3	0	0	0	0	8	0	0	0
99205	27	4.59%	129	7	0	0	0	0	0	0	3	0	0	0	0
99016	24	4.08%	106	3	0	0	0	0	1	0	0	0	0	0	0
83858	21	3.57%	83	9	0	0	0	0	0	0	0	0	0	0	0
99019	16	2.72%	59	7	0	0	0	0	0	0	0	0	0	0	0
83814	14	2.38%	35	14	0	0	0	0	0	0	0	7	0	0	0
83835	14	2.38%	56	7	0	0	0	0	0	0	0	0	0	0	0
83815	13	2.21%	41	14	0	0	0	0	0	0	0	1	0	0	0
99027	12	2.04%	56	0	0	0	0	0	0	0	0	0	0	0	0
99207	12	2.04%	56	0	0	0	0	0	0	0	0	0	0	0	0
99021	11	1.87%	54	3	0	0	0	0	0	0	0	0	0	0	0
99218	11	1.87%	47	3	0	1	0	0	0	0	0	0	0	0	0
99223	11	1.87%	54	0	0	0	0	0	0	0	0	0	0	0	0
99025	10	1.70%	39	3	0	0	0	0	0	0	0	0	0	0	5
99203	10	1.70%	27	13	0	0	0	0	0	0	0	0	0	0	0
83869	8	1.36%	13	21	0	0	0	0	0	0	0	0	0	0	0
99006	8	1.36%	19	16	0	0	0	0	0	0	0	0	0	0	0
99224	8	1.36%	33	0	0	2	0	0	0	0	0	0	0	0	0
83856	6	1.02%	13	13	0	0	0	0	0	0	0	4	0	0	0
99022	6	1.02%	20	5	0	0	0	0	0	0	0	0	0	0	0



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
99201	6	1.02%	24	0	0	0	0	0	1	0	0	0	0	0	0
99202	6	1.02%	20	7	0	0	0	0	0	0	0	0	0	0	0
99156	4	0.68%	17	0	0	0	0	0	0	0	4	0	0	0	0
83801	3	0.51%	14	0	0	0	0	0	0	0	0	0	0	0	0
99003	3	0.51%	19	0	0	0	0	0	0	0	0	0	0	0	0
99004	3	0.51%	9	3	0	0	0	0	0	0	0	1	0	0	0
99005	3	0.51%	14	0	0	0	0	0	0	0	0	0	0	0	0
99030	3	0.51%	12	1	0	0	0	0	0	0	0	0	0	0	0
99173	3	0.51%	9	2	0	0	0	0	0	0	0	0	0	0	0
99204	3	0.51%	15	0	0	0	0	0	0	0	0	0	0	0	0
83804	2	0.34%	7	0	0	0	0	0	0	0	0	0	0	0	0
83839	2	0.34%	0	8	0	0	0	0	0	0	0	0	0	0	0
99009	2	0.34%	8	0	0	0	0	0	0	0	0	0	0	0	0
99015	2	0.34%	6	0	0	0	0	0	0	0	0	0	0	0	0
99031	2	0.34%	8	0	0	0	0	0	0	0	0	0	0	0	0
99109	2	0.34%	3	4	0	0	0	0	0	0	0	0	0	0	0
82843	1	0.17%	5	0	0	0	0	0	0	0	0	0	0	0	0
834	1	0.17%	0	4	0	0	0	0	0	0	0	0	0	0	0
83810	1	0.17%	7	0	0	0	0	0	0	0	0	0	0	0	0
83822	1	0.17%	0	0	3	0	0	0	0	0	0	0	0	0	0
83837	1	0.17%	4	0	0	0	0	0	0	0	0	0	0	0	0
83844	1	0.17%	0	7	0	0	0	0	0	0	0	0	0	0	0
83850	1	0.17%	0	4	0	0	0	0	0	0	0	0	0	0	0
83857	1	0.17%	5	0	0	0	0	0	0	0	0	0	0	0	0
83860	1	0.17%	3	0	0	0	0	0	0	0	0	0	0	0	0
8387	1	0.17%	0	3	0	0	0	0	0	0	0	0	0	0	0
83877	1	0.17%	5	0	0	0	0	0	0	0	0	0	0	0	0
990	1	0.17%	5	0	0	0	0	0	0	0	0	0	0	0	0
99008	1	0.17%	5	0	0	0	0	0	0	0	0	0	0	0	0



			Weekly Count of Trips By Mode												
Home Zip code	Total Employees	Employee Percentage	Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
99012	1	0.17%	2	0	0	1	0	0	0	0	0	0	0	0	0
99018	1	0.17%	7	0	0	0	0	0	0	0	0	0	0	0	0
99023	1	0.17%	3	0	0	0	0	0	0	0	0	0	0	0	0
99024	1	0.17%	1	0	0	0	0	0	0	0	0	0	0	0	0
99036	1	0.17%	3	0	0	0	0	0	0	0	0	0	0	0	0
99086	1	0.17%	5	0	0	0	0	0	0	0	0	0	0	0	0
99110	1	0.17%	0	3	0	0	0	0	0	0	0	0	0	0	0
99122	1	0.17%	4	0	0	0	0	0	0	0	1	0	0	0	0
99148	1	0.17%	0	5	0	0	0	0	0	0	0	0	0	0	0
99181	1	0.17%	5	0	0	0	0	0	0	0	0	0	0	0	0
99209	1	0.17%	0	5	0	0	0	0	0	0	0	0	0	0	0
99211	1	0.17%	7	0	0	0	0	0	0	0	0	0	0	0	0
99214	1	0.17%	7	0	0	0	0	0	0	0	0	0	0	0	0
99215	1	0.17%	7	0	0	0	0	0	0	0	0	0	0	0	0
99219	1	0.17%	4	0	0	0	0	0	0	0	0	0	0	0	0